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Fig. 1

REPLACEMENT DRAWING 2/50

Attorney Docket No. 01/21603 Title: A POLYPEPTIDE HAVING...

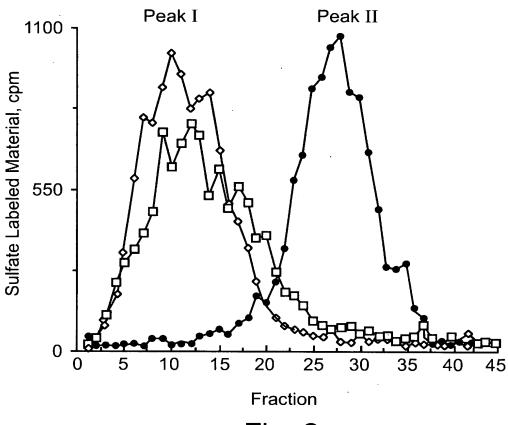
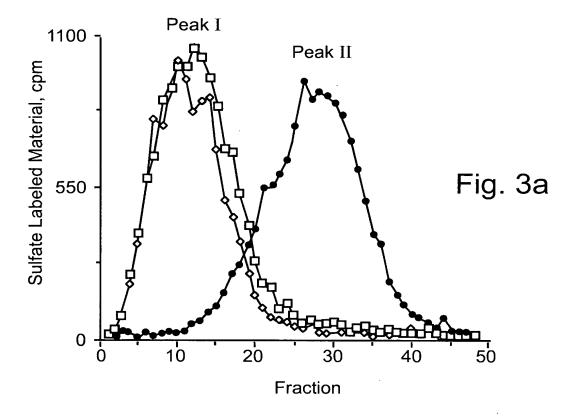
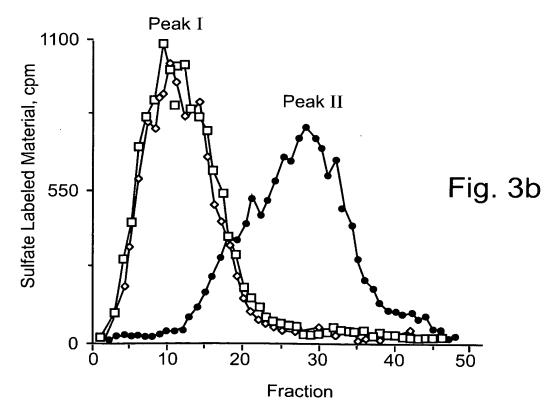
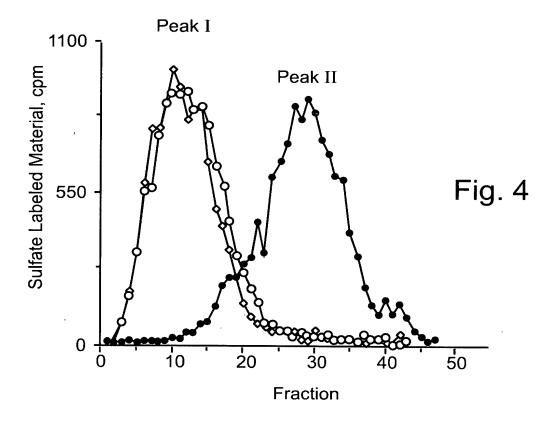
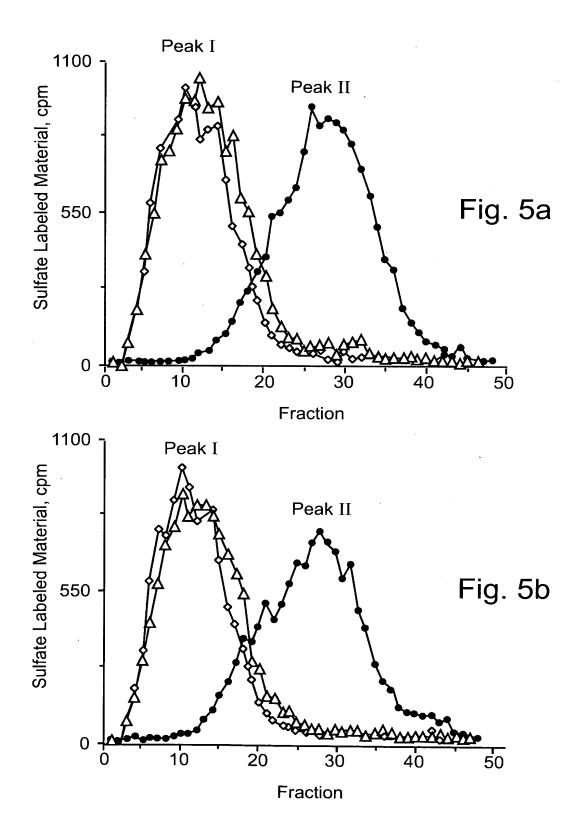


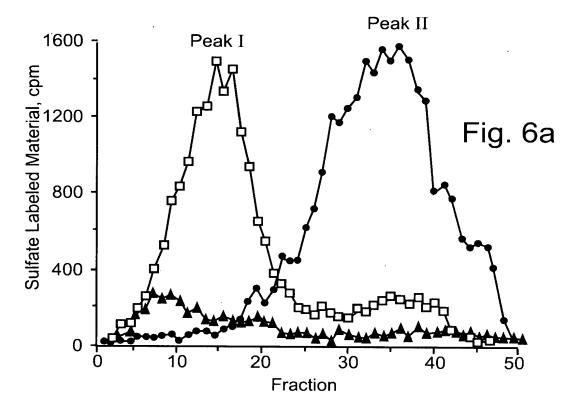
Fig. 2

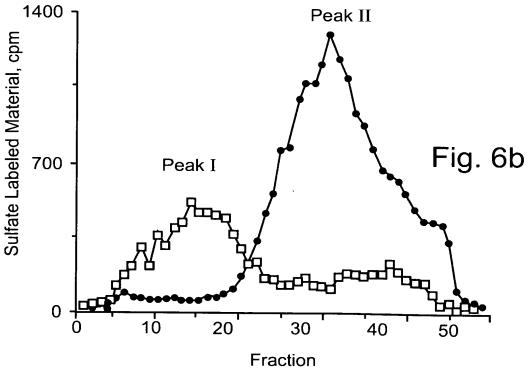


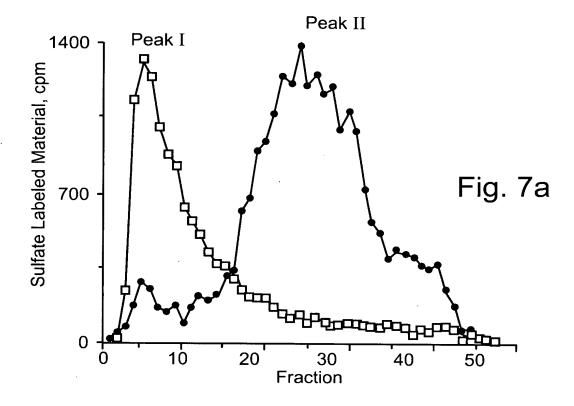


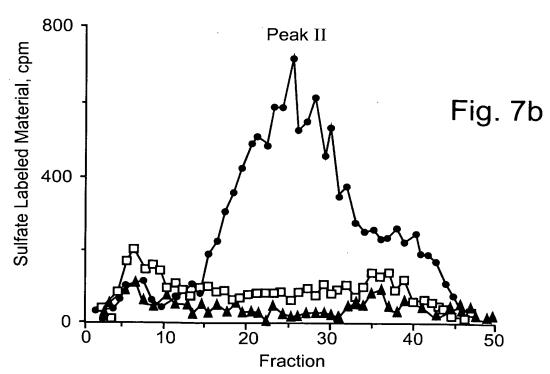


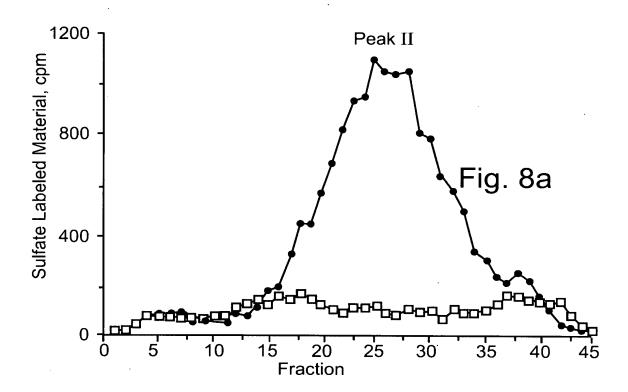


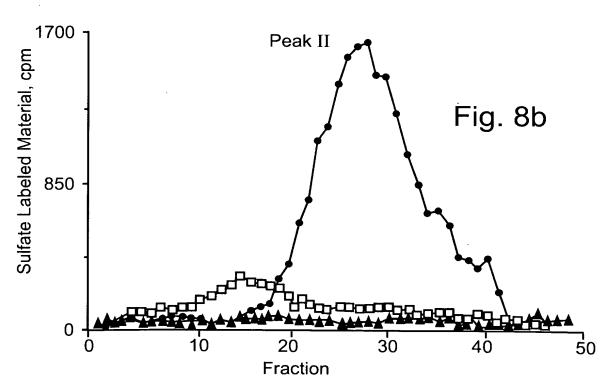


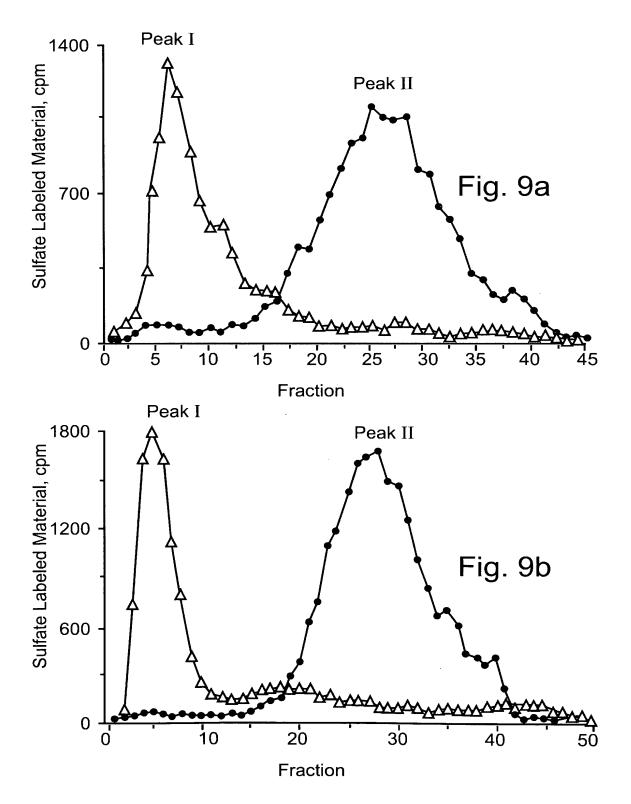


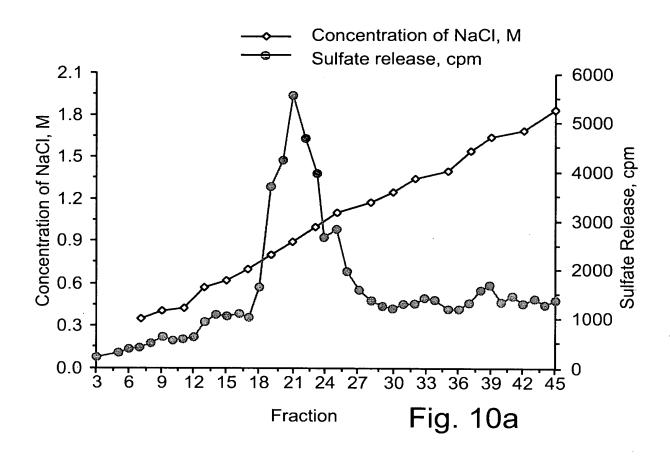












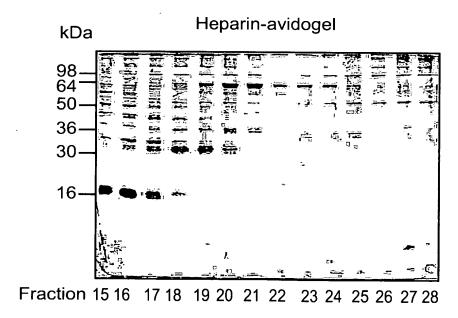
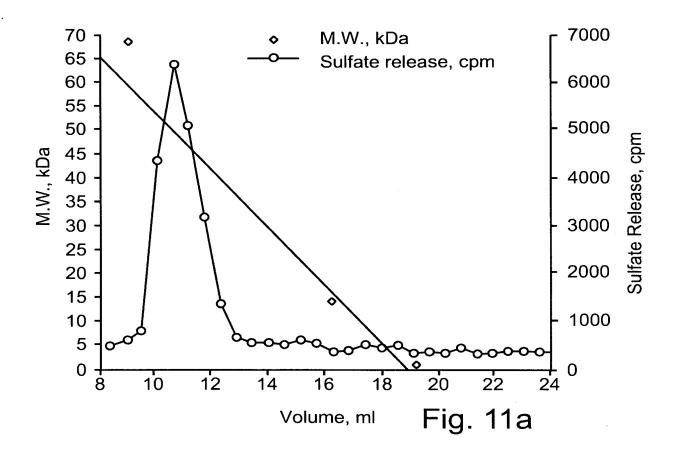
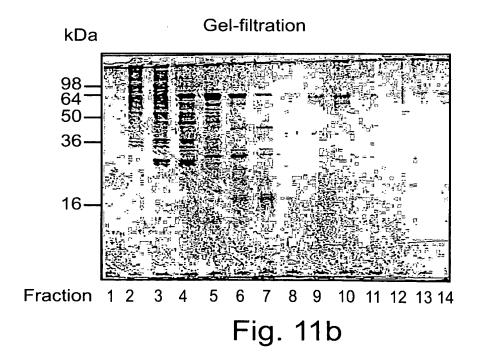


Fig. 10b





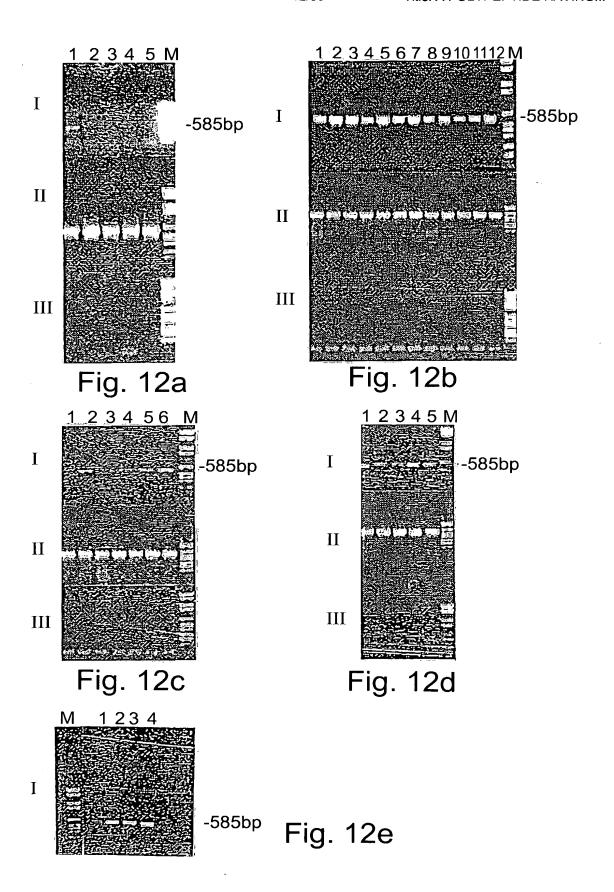




Fig. 13

Serial No.: 09/776,874

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Fig. 13 (Continued)

Attorney Docket No. 01/21603 Title: A POLYPEPTIDE HAVING...

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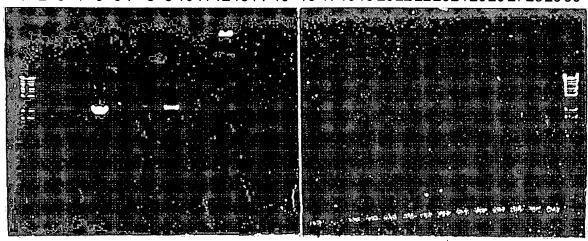


Fig. 14

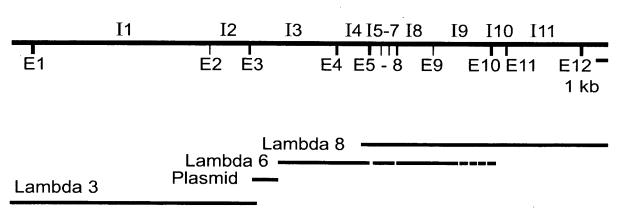


Fig. 15

Fig. 16a

REPLACEMENT	DRAWING
16/50	

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16q

Fig.

16u

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Fig.

16y

Fig.

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Fig.

Fig.

Fig. 16a

Fig. 16cc

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teteceg	17050
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Fig. 16n

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Fig. 16_{c}

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tottaaagagttaggoatataaatattttaaggtttotgttoaatgtatg	37150
ttggaaggagtteetteteatgaetatteteatattggageataaaag	37200
agtitacaggettggegeagtggeteatgeetgtaateeeaataetttgg	37250
gaagetgaageaggeagateactteageeeaggagtttgagaeeageetg	37300
ggcaatatggcaaactctctctacaaaatataccaaaattagccaggcg	37350
tggtggtgcatgcctgtagtcccagctacttgggaagctgaggtgggagg	-
attgettgageceaggggggteatggetgeagtgagetgtgatggtgeet	37450
ctgtcacccagcctgggtgacagagtgagaccctgtctcaaaaataaa	-
taaataaaaattaagagtttacaaaattctcaccatctcctcccttttt	37550

taagtga	37600
aggcagtacagtaagcacgctttctccaaagtcctgtccccacagacaa acattatttacactggtactgctcttttattttccctctatgcttt	76 77
tttactataactataatcatataacatgtaataggaaaaggcäg	_
agatccagaagtcttcccaagagcctttccaacatagcct	78
acattttttctttcttcttt	78
agtgo	790
actgcaacctccgcctcctgggttcaagcaattctcccacctcagcctcc	79
ttagaggcatgcatcaccacgcctggctaat	80
gtagagatgaggtttcaccatgtgggccaggctggtcttg	38050
aaagtgctag	\vdash
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tatoctagataagtttatgagtgoa	38300
stattaatgacctcgg	38350
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scttectesteageettetgagtag	38500
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sctcagcctcccaaagtgctgggattacaggcatgaaaaact	38650
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goottagoogoocaaagtgotgggattacaggcatgacccacctcatotg	88
acatatttttaacataaaggeegtatt	38900
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ttaaaccccaccctcattgcccagcctgatgtgaaattaatcagcataca	39100

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41750	CAGATCTGTCCAACTCAATGGTCTAACTCTAAAGATGGTGGATGATCAAA
41700	atgggtggggcatgcaccacttggttaactcggtgtatctttctcctttg
41650	aaaaaaaaatttattttggtctaaaaaagatttcatgacttttgtagcagc
41600	gcctaagtgatatagtgttgaaatacaagttatatatata
41550	cataactactcatctctgccattgtagcttaaagattatctaggtcaaat
41500	atgggccagacagtaagtatttctggctttggagtccatatggtctctat
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41400	aataaaatagccaccattccagaagttgtgtgtcatgtttatcctttttata
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41100	taaqaacqttcaacaqtttttaatttcgaattccaatagtgaaatacatag
41050	ttgatttaaataataagtatgtataagaaataacacttttccttaatttt
41000	ctfcataagctcttgcctatattgattcgctcctgtgaatatgcattaat
40950	tatttagaattatgaaaatatcaatagacctacageegactaaagetttt
40900	actttgttgacaatataaaacatatttgagaaaaagagatataagcatct
40850	ccactgttgctcggcctaatcttacaagttttcaatatttaaagagtgcta
40800	agtgatctgcctcagcctcccaaagtgctgggattacaggtgtgaa
40750	agatggagttttgccatgttggccaggctgatcttgaactcctggcctca
40700	actacaggcacaccaccatgcccggctaatttttgtattttgggtag
40650	geeteeeaggtteaaaegatteteatgteteageefeetgagtagetggg

Fig. 16cc

Fig. 16d(

aggacaga naggacaga	43450
actataaatgaaattgattfgtcaagaggataaattttagaaac	43550
ecaatacettataactgtetgttaatgettgetttetetetaeetteett	43600
tgtttcagttgggaagcttttggctgcaagtaacagaaactc	43650
teaaatggettaageaataaggaaatgtatatteeeacataactagaegt Feaaaatggettaageaataaggaaatgtacateacataangatetnoott	43700
ceagetetetototegecatettagegeteg	43800
tetggtagcatgatggctgtagctgfttcatggggccctcat	43850
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cteatgrettatitgtreagaaatgggtaatgaggeeattreaeeagieae	44000
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tggagagagttggtcagtctacaaactgaacactgcagttctgcgctt	44100
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ggata	44200
aatagotettaggggtacacacttttocttacaggggggggtgattgtagt	44250
ggitgaagacteggettttaatgtacttgteaectgagtgatgtaeattgt	44300
jajogaajtaggtaattiltoatiodattaedostoottoogoogootto	44350
res :	44400
Ü	44450
cctgagittactteeetteaggataacagceeccagtteeggteepaagttgget	44500
gcaaaatacattattettetetatggetgagtaatagteeatggtacata	44550
tataccacattttctttatccacttatcagttgatggacacttaggttaa	44600
ttecattcaatttcattcaatttaagtatatattgtaaggagctaaagetg	44650
at otticaatactottaaattitatatgta	44700
aagtaatttttataaccttga	44750
gta bga ctattolt btag taa tgtaa ageeta caga ctectaeatt taga	44800
ceactagtgtgttgtttcaececttgttatactatcaggatcetega	44898

Fig. 16 e

50 LDFFTQEPLH LEFYTKRPLR LEFYTKRLFQ	100 Ylreggiktd Ylreggiktd Ylreggiktd	150 RIEWPYQEQI QVEWPFQELI	200 LIRTADLOWN LIRTPDERWN	250 QLGEDYIQLH QLGEDFVELH	300 DSVTWHHYYL DSLTWHHYYL
RPAQAQDVVD GTAPTEDVVD GTAPTEDVVD	RTLARGLSPA RALARGLSPA RALSRGLSPA	SIPPDVEEKL PVSAAVLRKL RVSADVL~~~	GLDLIFGLNA GLDLIFGLNA	KKADIFINGS KKAHILIDGL	SFLKAGGEVI SFLKAGGEVI
LGPLSPGALP LGALAQGAPA LRALTQGTPA	FLILLGSPKL FLTFLGSPRL FLTFLSSPRL	QVNQDICKYG QVNHDICRSE QDNNDICGSD	KNSTYSRSSV DVLYTFANCS KNSTYSRSSV DMLYSFAKCS	CSSKGYNISW ELGNEPNSFL CSSKGYNISW ELGNEPNSFW	PRRKTAKMIK SFIKAGGEVI PRGKTVKLLR SFIKAGGEVI
PPIMLLLLGP RLLLEWINGP ~LLLEWINGR	IDANLATDPR IDASLATDPR IDASLATDPR	TFEERSYWGS TSEERSYWKS TSEERSYWQS	KNSTYSRSSV	CSSKGYNISW	KLLRKSTFKN AKLYGPDVGQ KLLQRSAFQN AKLYGPDIGQ
MLLRSKPALP	IVSPSFLSVT SVSPSFLSIT SVSPSFLSIT	FLI FDPKKES FLI FDPDKEP FLI FDPNNEP	LLREHYOKKF	SSNAQLLLDY SSNAQLLLDY	KLLRKSTFKN KLLQRSAFON
human mouse rat	human mouse rat	human mouse rat	human mouse rat	humañ mouse rat	human mouse rat

Fig. 17

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من م	350 LGETSSAYGG LGETSSAYGG	400 XHLVDENEDP YHLVDENEEP	450 DNPRYKEGÖL YHPRYÖEGDL	S00 KSVQLNGLTL KSVQLNGQLL	543 Aci~ Aci~
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	350 ESTRPGKKVW LGETSSAYGG KEITPGKKVW LGETSSAYGG	GAPLLSDTFA AGFMWLDKLG LSARMGIEVV MRQVFFGAGN GAPLLSNTFA AGFMWLDKLG LSAQMGIEVV MRQVFFGAGN	ASVQGSKRRK LRVYLHCTNT SRVKGPDRSK LRVYLHCTNV	RPLGPHGLLS KPSGPDGLLS	FFVIRNAKVA FFVIRNAKIA FFVIRNAKIA
だ さ さ	SSVQKVFQVV	LSARMGIEVV		SNKQVDKYLL	SLGLPAFSYS ALSLPAFSYG SLSVPAFSYG
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	LSSDALDIFI	AGEMWLDKLG AGEMWLDKLG	LPDYWLSLLF KKLVGPRVLL LPDYWLSLLF KKLVGPRVLL	TKYLRLPYPF TKHLKVPPPL	LMEKPLRPGS LTEKPLPAGS LTEKPLPAGS
おおおおおととと と	NGRTATREDE	GAPLLSDTFA	LPDYWLSLLF	TLYAINLHNV	KMVDEQTLPR KMVDEQTKPA KMVDEQTXPA
rai.	human mouse rat	human mouse rat	human mõuse rat	human mouse rat	human mouse rat

rig. 17 (continued

Serial No.: 09/776,874 REPLACEMENT DRAWING Inventor: Iris PECKER et al 49/50

Attorney Docket No. 01/21603 Title: A POLYPEPTIDE HAVING...

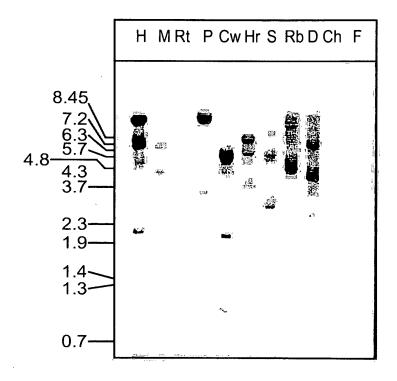


Fig. 18

PHD:

|MLLRSKPALPPPLMLLLIGPLGPLSPGALPRPAQAQDVVDLDFFTQEPLHLVSPSFLSVT| 60 PHD I EEEEE HHH EEEE EEE | IDANLATOPRELILLGSPKIRTLARGLSPAYERFGGTKTDFLTFDPKKESTFEERSYWQS | 120 PHD TEEE нинини HHHHE EEEEE EEEEE НННННН QVNQDICKYGSIPEDVEEKLRLEWPYQEQLLLREHYQKKFKNSTYSRSSVDVLYTFANCS| 180 нининининин рир (нининин нининин EEEEEEEEEE |GLDLIFGLNALLRTADLOWNSSNAQLLLDYCSSKGYNISWELGNEPNSFLKKADIFINGS| 240 нининининининининининининининин EEEEE HHHHHHH EEEE |QLGEDYTQLHKILLRKSTFKNAKLYGPDVGQPRRKTAKMLKSFLKAGGEVIDSVTWHHYYL| 300 нинининининини нинининини PHD | EEEEEEEEE | |NGRTATREDFLNPDVLDIFTSSVQKVFQVVESTRPGKKVWLGETSSAYGGGAPLLSDTFA| 360 PHD | **ННИНИНИНЕЕЕЕЕЕ** EEEEEE | нененен AGFMWLDKLGLSARMGIEVVMRQVFFGAGNYHLVDENFDPLPDYWLSLLFKKLVGTKVLM 420 рир (ининини нини нинининин EEEEE нинининин еееее ASVQSŠKRKLRVYLHETNTDNPRYKEGDLTLYAINLHNVTKYLRLPYPFSNKQVDKYLL 480 PHD | EEE E EEEEEEE EEEEEE EEEEE НННИННН |RPLGPHGLLSKSVQLNGLTLKMVDDQTLPPLMEKPLRPGSSLGLPAFSYSEFVIRNAKVA| 540 PHD | HH EEEEEEE EEEEE EEEEEEE EE) IACII 543

Fig. 19